

ABSTRACT

5 A unique structure for an indoor exercise bike that provides strength in its
design, as well as the flexibility to create an aesthetically appealing frame structure.
The monocoque frame design, including two symmetrical halves joined together,
forms a very strong, light shell that can take on a variety of shapes and sizes. The seat
structure, handlebar structure, drive train and support platforms are all able to be
readily attached to the primary frame structure to provide an exercise bicycle that is
10 sturdy, easy to manufacture, and light enough to easily move when necessary.

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